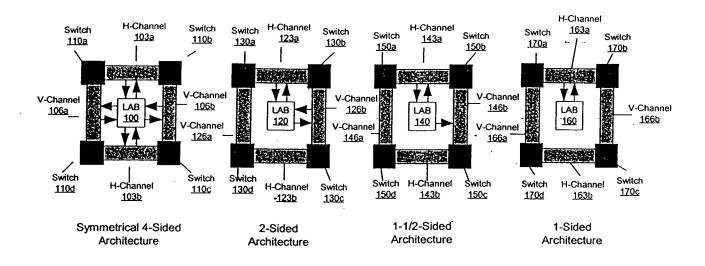
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Sheet 1 of 9

Fig. 1

## **Prior Art Routing Architectures**

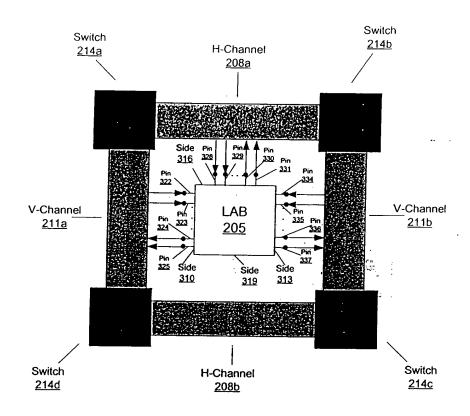


Switch Channel (e.g., Horizontal or Vertical) LAB

In or(s): David M. LEWIS, et al. Ap<sub>h</sub>..cation No.: To Be Assigned Docket No.: 306812002600

Sheet 2 of 9

Fig. 2a



## 3-Sided Architecture

Switches

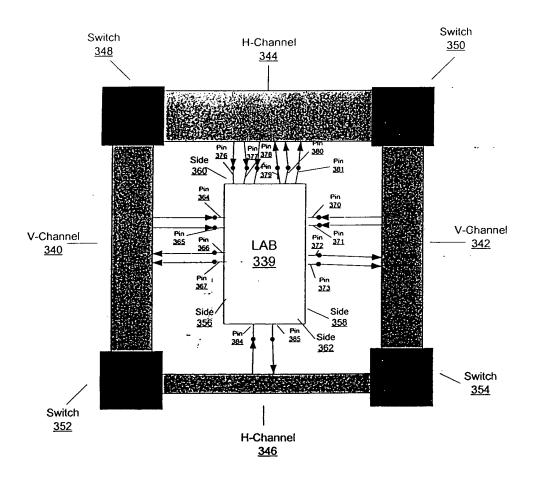
Channel (e.g., Horizontal or Vertical)

LAB

τ(s): David M. LEWIS, et al. In<sup>,</sup> Application No.: To Be Assigned Docket No.: 306812002600

Sheet 3 of 9

Fig. 2b



## Asymmetrical 4-Sided Architecture

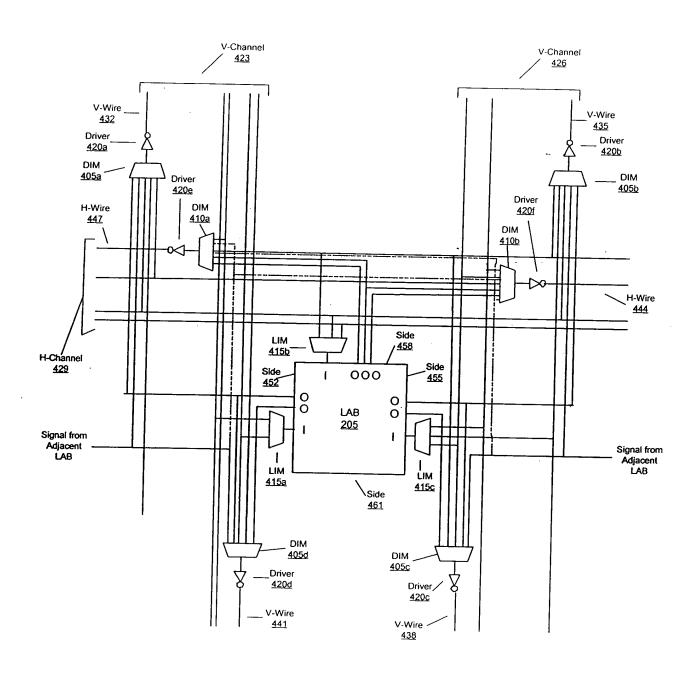
**Switches** Channel (e.g., Horizontal or Vertical) LAB

PEVICE

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Sheet 4 of 9

Fig. 3

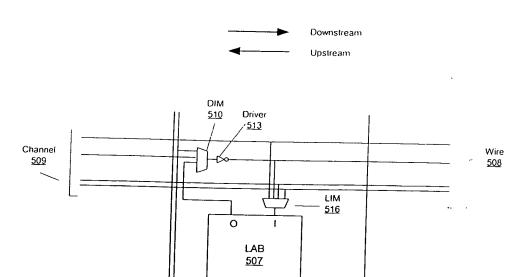


DEVICE

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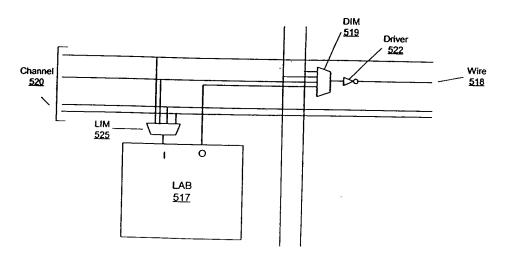
Sheet 5 of 9

<u>Fig. 4</u>



Non-extended Reach

Fig. 5

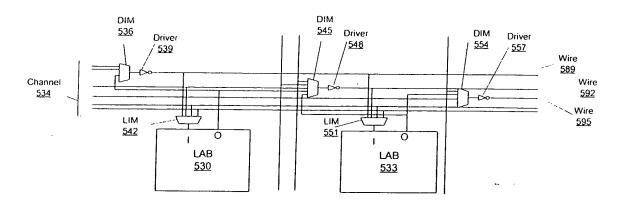


Extended Reach

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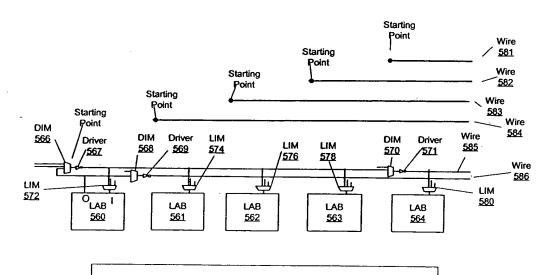
Sheet 6 of 9

Fig. 6



Mixed Reach

Fig. 7



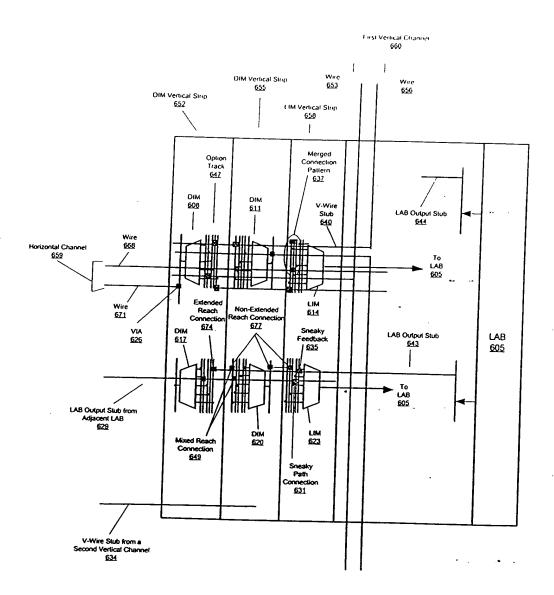
Non-extended Reach LABs: LAB 560, LAB 561, LAB 562, and LAB 563 Extended Reach LABs: LAB 561, LAB 562, LAB 563, and LAB 564

**DEVICE** 

In or(s): David M. LEWIS, et al. Application No.: To Be Assigned Docket No.: 306812002600

Sheet 7 of 9

Fig. 8

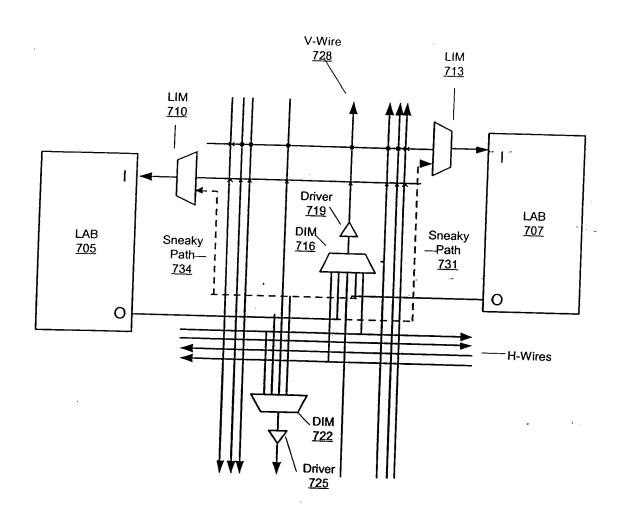


DEVICE

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Sheet 8 of 9

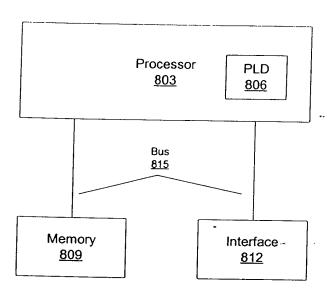
Fig. 9



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Sheet 9 of 9

Fig. 10



Electronic System <u>801</u>